

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017942.D
 Acq On : 18 Jan 2021 20:37
 Operator : SY/VA
 Sample : M1167-08
 Misc : 4.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT78

Quant Time: Jan 19 07:01:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

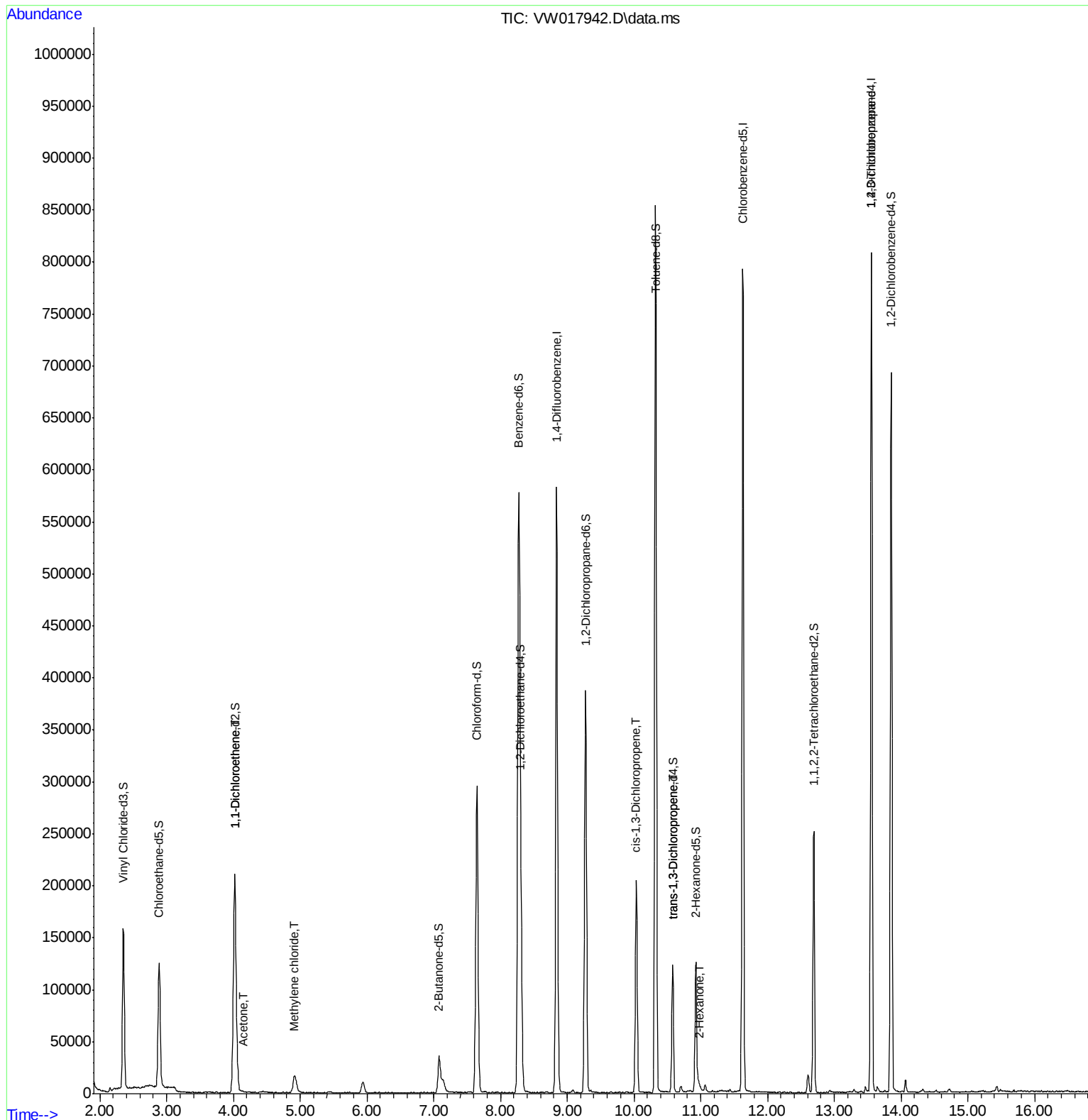
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	473746	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	428908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	203614	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	165367	22.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.96%		
7) Chloroethane-d5	2.885	69	138388	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.16%		
10) 1,1-Dichloroethene-d2	4.019	63	222652	16.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.32%		
20) 2-Butanone-d5	7.080	46	60846	33.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.68%		
24) Chloroform-d	7.647	84	291573	22.56	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.24%		
26) 1,2-Dichloroethane-d4	8.305	65	160780	21.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.96%		
29) Benzene-d6	8.275	84	579208	23.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.40%		
33) 1,2-Dichloropropane-d6	9.274	67	165445	23.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.72%		
37) Toluene-d8	10.323	98	549230	23.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.32%		
38) trans-1,3-Dichloroprop...	10.579	79	64912	20.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.40%		
39) 2-Hexanone-d5	10.927	63	43779	34.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.92%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	119265	19.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	76.80%		
61) 1,2-Dichlorobenzene-d4	13.853	152	166028	23.43	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.72%		
Target Compounds						
12) 1,1-Dichloroethene	4.019	96	1721	0.28	ug/L #	1
13) Acetone	4.153	43	1573	1.24	ug/L	68
16) Methylene chloride	4.915	84	7667	1.12	ug/L	98
42) cis-1,3-Dichloropropene	10.030	75	6424	0.66	ug/L #	73
45) trans-1,3-Dichloropropene	10.579	75	3618	0.42	ug/L	84
49) 2-Hexanone	10.975	43	1650	0.59	ug/L #	63
59) 1,2,3-Trichloropropane	13.554	75	28020	6.08	ug/L	97

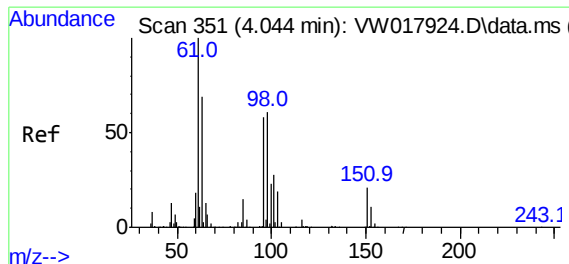
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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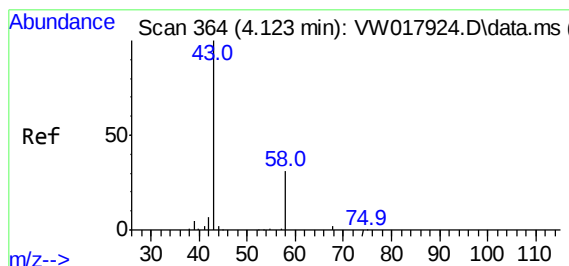
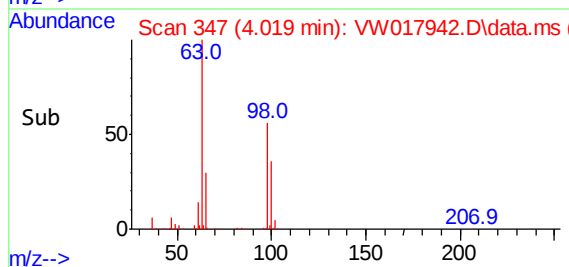
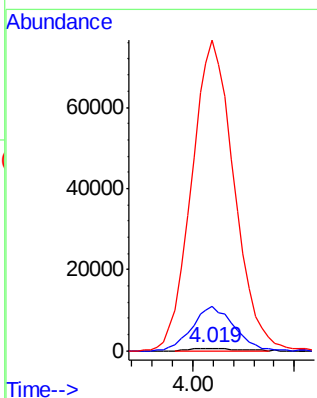
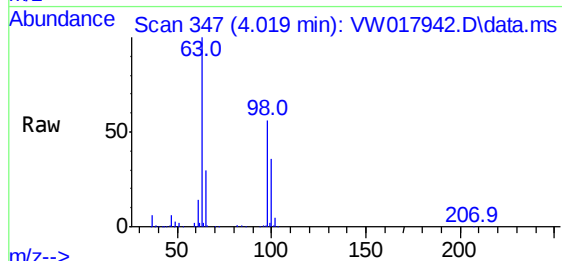




#12
1,1-Dichloroethene
Concen: 0.28 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.024 min
Lab File: VW017942.D
Acq: 18 Jan 2021 20:37

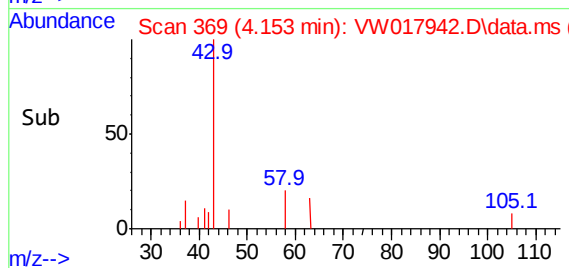
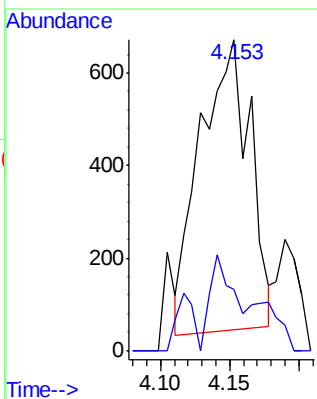
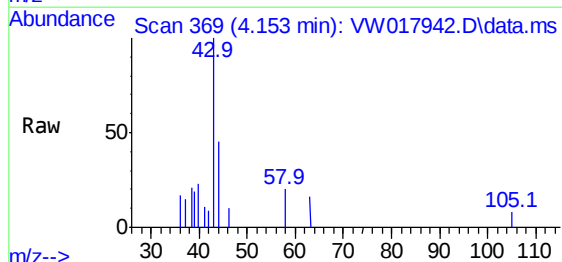
Instrument :
MSVOA_W
ClientSampled :
BFT78

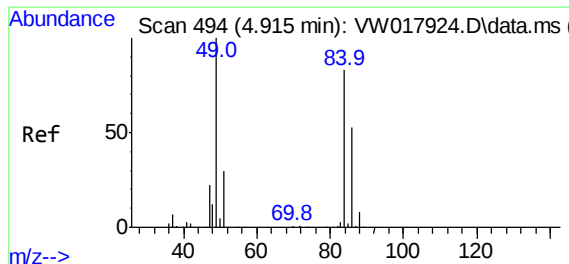
Tgt Ion: 96 Resp: 1721
Ion Ratio Lower Upper
96 100
61 1682.4 112.5 208.9#
63 11816.0 83.1 154.3#



#13
Acetone
Concen: 1.24 ug/L
RT: 4.153 min Scan# 369
Delta R.T. 0.030 min
Lab File: VW017942.D
Acq: 18 Jan 2021 20:37

Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 16.0 0.0 68.4



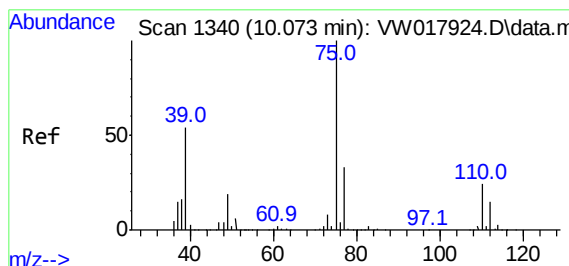
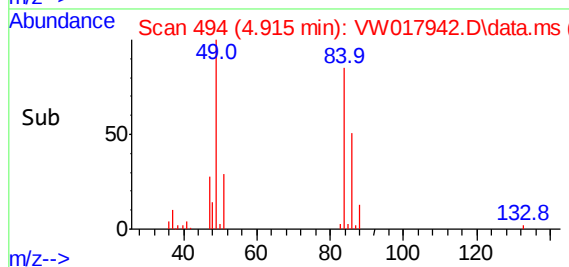
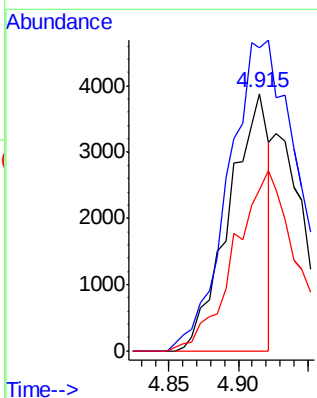
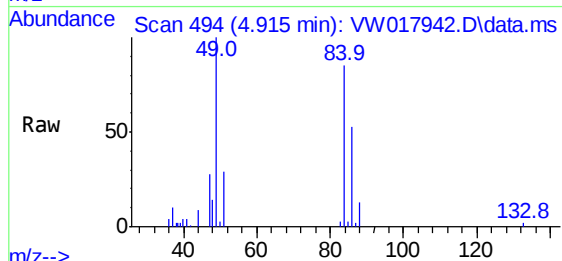


#16
Methylene chloride
Concen: 1.12 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017942.D
Acq: 18 Jan 2021 20:37

Instrument :
MSVOA_W
ClientSampleId :
BFT78

Tgt Ion: 84 Resp: 7667

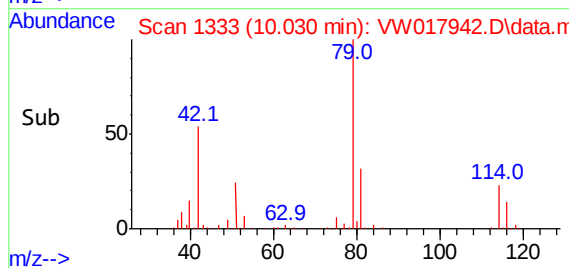
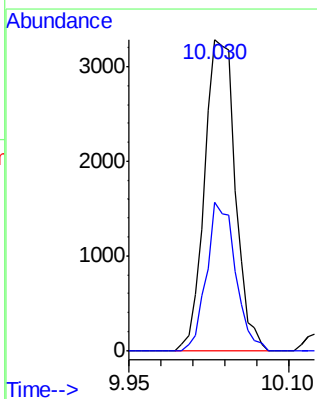
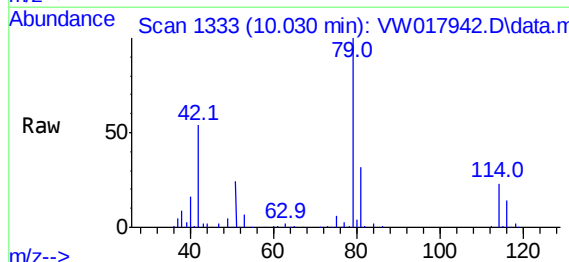
Ion	Ratio	Lower	Upper
84	100		
49	118.1	81.2	150.8
86	62.5	44.5	82.7

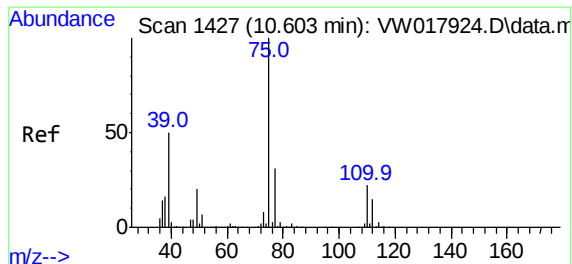


#42
cis-1,3-Dichloropropene
Concen: 0.66 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW017942.D
Acq: 18 Jan 2021 20:37

Tgt Ion: 75 Resp: 6424

Ion	Ratio	Lower	Upper
75	100		
77	47.5	22.7	42.3

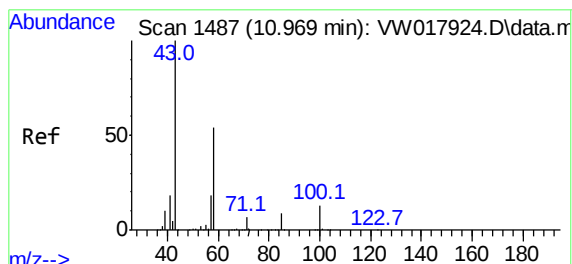
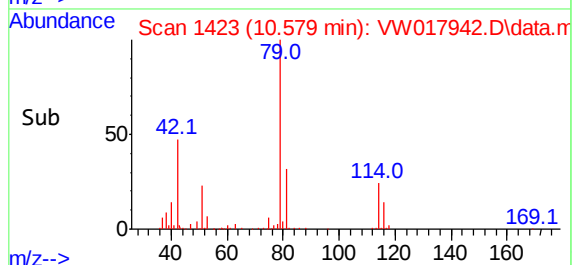
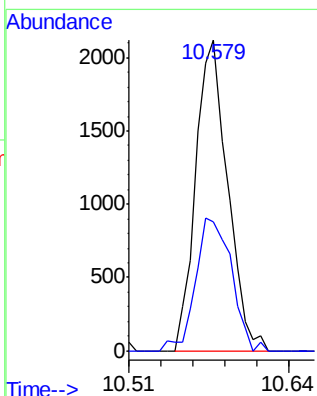
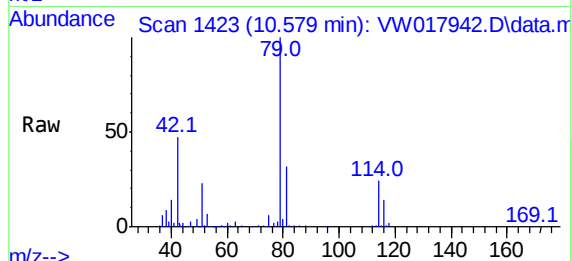




#45
trans-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017942.D
Acq: 18 Jan 2021 20:37

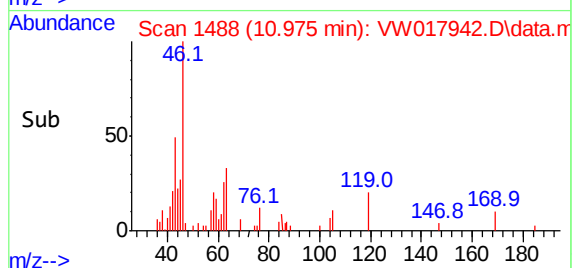
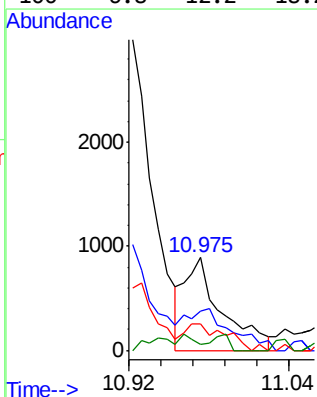
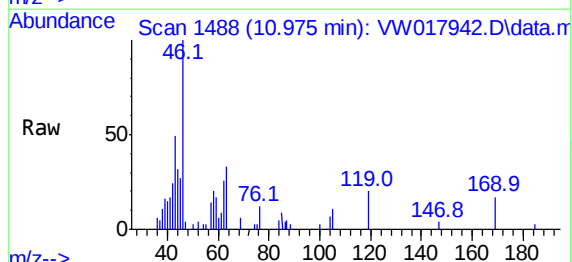
Instrument :
MSVOA_W
ClientSampled :
BFT78

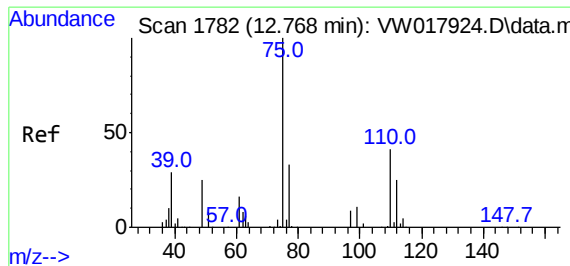
Tgt Ion: 75 Resp: 3618
Ion Ratio Lower Upper
75 100
77 41.5 22.6 42.0



#49
2-Hexanone
Concen: 0.59 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW017942.D
Acq: 18 Jan 2021 20:37

Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 28.6 51.3 76.9#
57 9.0 15.0 22.6#
100 6.8 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 6.08 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW017942.D
 Acq: 18 Jan 2021 20:37

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT78

Tgt Ion: 75 Resp: 28020
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.6 39.8

